

# Converting Colors

Yxy(57.4533, 0.3325, 0.4080)

Have a look what the booklet for  
Yxy(57.4533, 0.3325, 0.4080)  
contains.

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# Color

**Yxy(57.3228, 0.3322, 0.4075)**

# Conversions

## Conversions Part 1

Format	Color
Hex	B3D194
RGB	179, 209, 148
RGB Percent	70%, 82%, 58%
CMY	0.2982, 0.1803, 0.4196
CMYK	0.14, 0.00, 0.29, 0.18
HSL	90°, 40%, 70%
HSV	90°, 29%, 82%
XYZ	46.7304, 57.3228, 36.6163
YIQ	193.0760, 1.7010, -25.3310

# Conversions

## Conversions Part 2

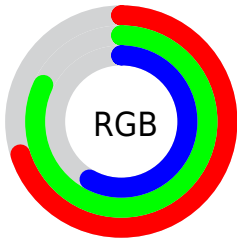
<b>Format</b>	<b>Color</b>
<b>RYB</b>	148, 209, 178
Decimal	11784596
CIELab	80.36, -20.72, 27.06
CIELCh	80, 34.079, 127.441
Yxy	57.3228, 0.3322, 0.4075
Android (android.graphics.Color)	4289974676 (0xFFB3D194)
YUV	193.0760, -22.2225, -12.3447
Hunter-Lab	75.7118, -22.3230, 24.3240

# Details

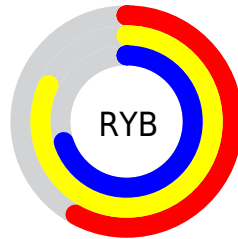
The Yxy color **57.3228, 0.3322, 0.4075** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **35.2527, 0.2876, 0.2505**, and the grayscale version is **53.5058, 0.3127, 0.3290**.

A 20% lighter version of the original color is **93.4464, 0.3309, 0.3833**, and **28.4099, 0.3364, 0.4282** is the 20% darker color. If you saturate the color by 10%, you get **55.5414, 0.3379, 0.4372**, and if you desaturate by 10%, it is **59.3202, 0.3258, 0.3789**.

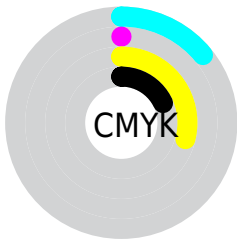
# Distribution



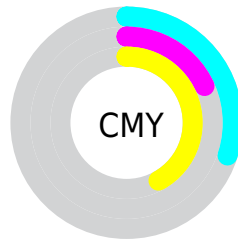
- Red (70%)
- Green (82%)
- Blue (58%)



- Red (58%)
- Yellow (82%)
- Blue (70%)



- Cyan (14%)
- Magenta (0%)
- Yellow (29%)
- Black (18%)




- Cyan (30%)
- Magenta (18%)
- Yellow (42%)

# Brightness & Saturation Gradients

These gradients show how the Yxy color 57.3228, 0.3322, 0.4075 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.


Similar to the brightness gradients but the following saturation gradients show a change of the Yxy color 57.3228, 0.3322, 0.4075 by changing the saturation by 10% instead.





 57.3228, 0.3322,  
0.4075

 57.3228, 0.3322,  
0.4075


414.6578, 0.3237,  
0.3683

 41.2645, 0.3339,  
0.4172


 100.9360, 0.3294,  
0.3933

 28.5258, 0.3359,  
0.4295


 129.2597, 0.3283,  
0.3880

 18.7224, 0.3382,  
0.4458


162.4407, 0.3273,  
0.3834

 11.4699, 0.3405,  
0.4681

200.8632, 0.3264,  
0.3796

 6.3838, 0.3423,  
0.5001

244.9118, 0.3256,  
0.3762

 3.0798, 0.3444,  
0.5544

294.9709, 0.3249,

 1.1736, 0.3324,

0.3732

0.6676

351.4247, 0.3242,  
0.3706

■ 0.0399, 0.0000,  
1.0000

■ 0.0000, 0.0000,  
0.0000

■ 57.3228, 0.3322,  
0.4075

■ 57.3228, 0.3322,  
0.4075

■ 55.5414, 0.3379,  
0.4372

■ 59.3202, 0.3258,  
0.3789

■ 53.9602, 0.3426,  
0.4669


■ 61.5340, 0.3190,  
0.3519

■ 52.5725, 0.3457,  
0.4954


■ 63.9742, 0.3122,  
0.3271

■ 51.3683, 0.3468,  
0.5211

■ 66.6477, 0.3055,  
0.3045

 50.3366, 0.3458,  
0.5426

 69.5614, 0.2990,  
0.2841

 49.4646, 0.3425,  
0.5588

 71.4787, 0.3047,  
0.2827

 48.7322, 0.3375,  
0.5697

 73.3386, 0.3120,  
0.2837

 48.6773, 0.3371,  
0.5706

 74.0873, 0.3148,  
0.2841

# Harmonies

## Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



57.3228, 0.3725, 0.4047



57.3228, 0.3322, 0.4075



57.3228, 0.2884, 0.3843

# Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



57.3228, 0.3322, 0.4075



57.3228, 0.2337, 0.2706



57.3228, 0.3749, 0.3119

# Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



57.3228, 0.3322, 0.4075



35.2527, 0.2876, 0.2505

# Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



57.3228, 0.3333, 0.2817



57.3228, 0.3322, 0.4075



57.3228, 0.2529, 0.2578

# Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



57.3228, 0.3322, 0.4075



57.3228, 0.2335, 0.3007



57.3228, 0.2885, 0.2623



57.3228, 0.3990, 0.3474



# Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



57.3228, 0.3322, 0.4075



57.3228, 0.2631, 0.3578



57.3228, 0.2885, 0.2623



57.3228, 0.3623, 0.3009

# Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



57.3253, 0.3322, 0.4075



96.5284, 0.3189, 0.3517



47.3326, 0.3667, 0.3657



20.5469, 0.3199, 0.3555



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

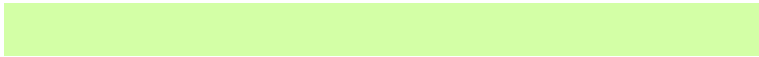


# Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



57.3253, 0.3322, 0.4075



88.1208, 0.3359, 0.4259



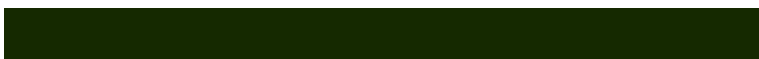
54.1362, 0.3095, 0.4132



13.4969, 0.3191, 0.3525



30.0676, 0.3381, 0.5697



1.7284, 0.3521, 0.5587



# Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



35.2527, 0.2876, 0.2505



48.0588, 0.2808, 0.2322



39.1922, 0.3151, 0.2567



11.6994, 0.3058, 0.3055



4.6715, 0.2015, 0.0884



0.3084, 0.2218, 0.0995



# Previews

## White Background



This preview shows how the Yxy color 57.3228, 0.3322, 0.4075 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

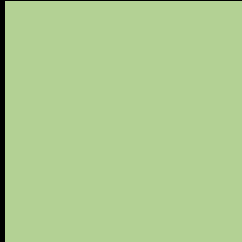
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the Yxy color 57.3228, 0.3322, 0.4075 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

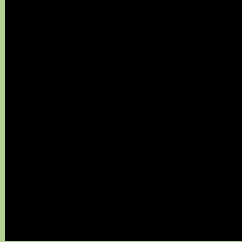
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

**Yxy 57.3228, 0.3322, 0.4075**

## **Background**



This preview shows how black text looks on a background with the Yxy color 57.3228, 0.3322, 0.4075.



This preview shows how white text looks on a background with the Yxy color 57.3228, 0.3322, 0.4075.

# Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

## Dichromacy



### Original Color

57.3228, 0.3322, 0.4075

### Protanopia

57.1566, 0.3669, 0.3943

### Deuteranopia

57.0210, 0.3809, 0.3729



## Tritanopia

57.0852, 0.2933, 0.3098

# Trichromacy



**Original Color**

57.3228, 0.3322, 0.4075

**Protanomaly**

57.1737, 0.3538, 0.4001

**Deuteranomaly**

56.9187, 0.3619, 0.3849

**Tritanomaly**

56.7877, 0.3074, 0.3439

# Monochromacy



**Original Color**

57.3228, 0.3322, 0.4075

**Achromatopsia**

53.3276, 0.3127, 0.3290

**Achromatomaly**

54.7125, 0.3201, 0.3567

# CSS Examples

## Text

The CSS property to change the color of the text to Yxy 57.3228, 0.3322, 0.4075 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(179, 209, 148)` looks like.

```
.text, #text, p{  
    color:rgb(179, 209, 148)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(179, 209, 148) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(179, 209, 148) }
```

## Border

The CSS property to change the border of an element to Yxy 57.3228, 0.3322, 0.4075 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(179, 209, 148) }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(179, 209, 148) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(179, 209, 148)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(179, 209, 148); -webkit-box-  
shadow:4px 4px 4px 4px rgb(179, 209, 148);  
box-shadow:4px 4px 4px 4px rgb(179, 209,  
148) }
```



# Background

The CSS property to change the background color of an element to Yxy 57.3228, 0.3322, 0.4075 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(179, 209, 148) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(179,  
209, 148) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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